

Cattaraugus County Profile 2013

A collection of recent demographic, social, economic and agricultural data

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Cornell University
Cooperative Extension



This profile is a part of a set of profiles generated for each county in New York State. The profiles were developed and generated by the Cornell Program on Applied Demographics. The work is sponsored by Cornell Cooperative Extension and promoted with webinars and workshops in coordination with the Community & Regional Development Institute.

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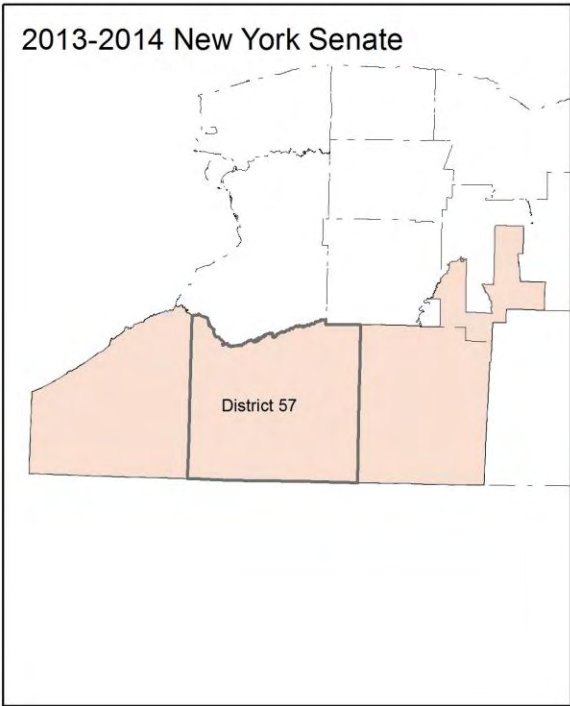
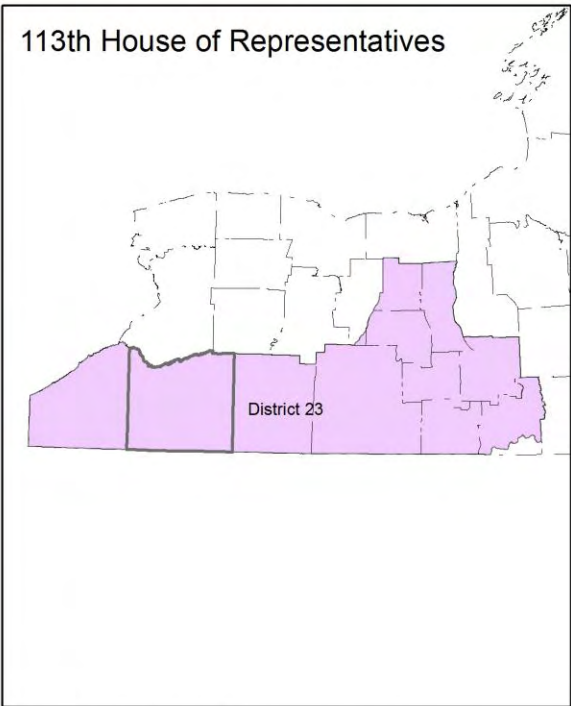
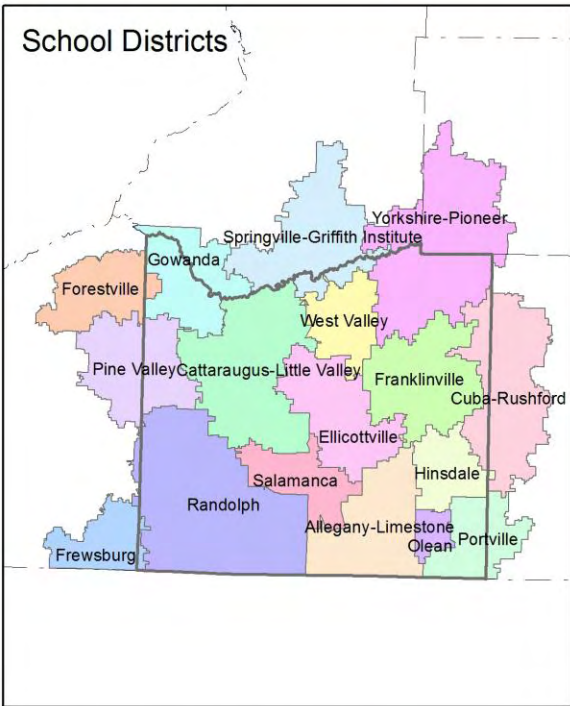
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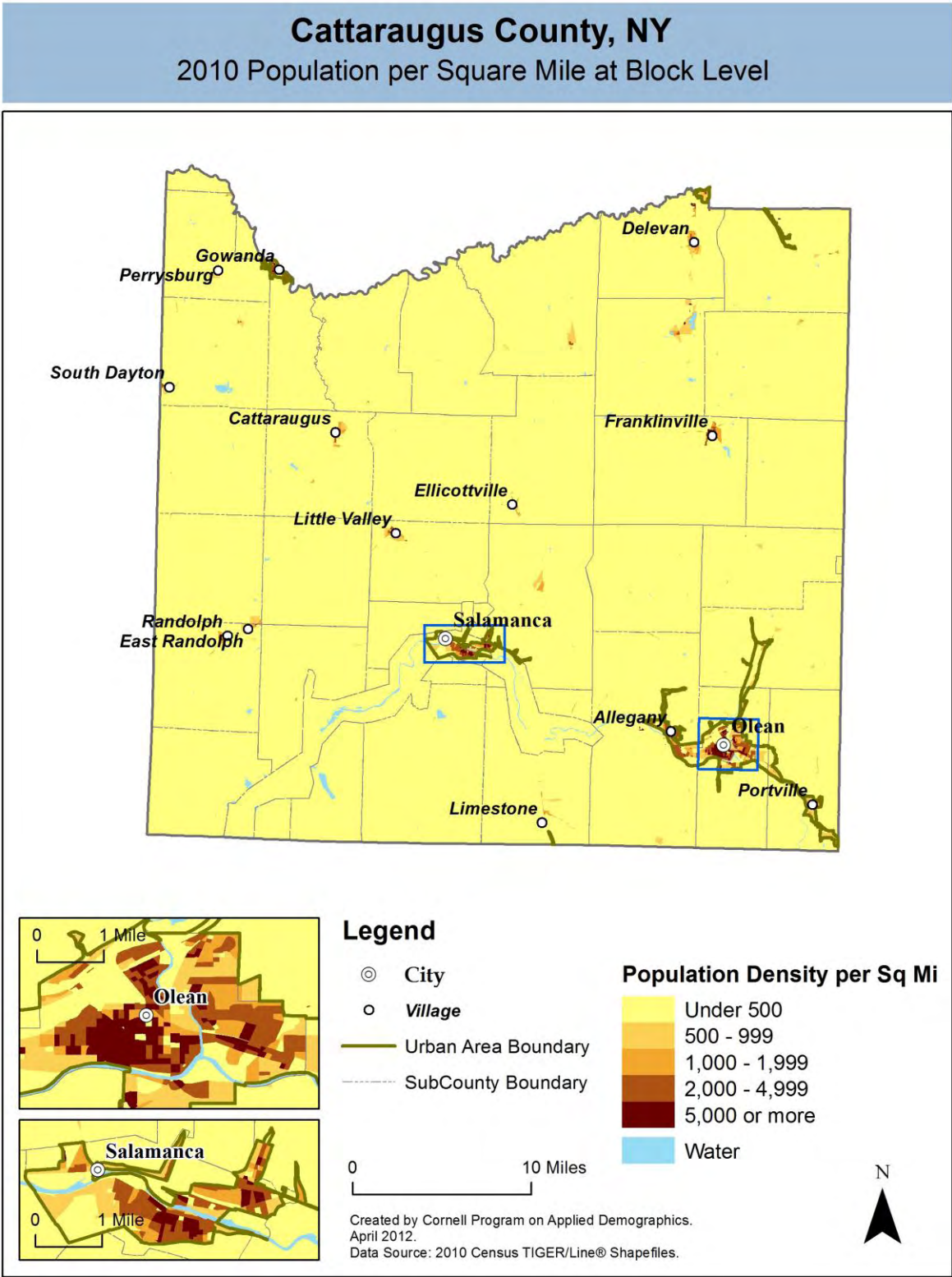
1 Reference Maps



Cattaraugus County, NY
Overlap with School and Political Districts



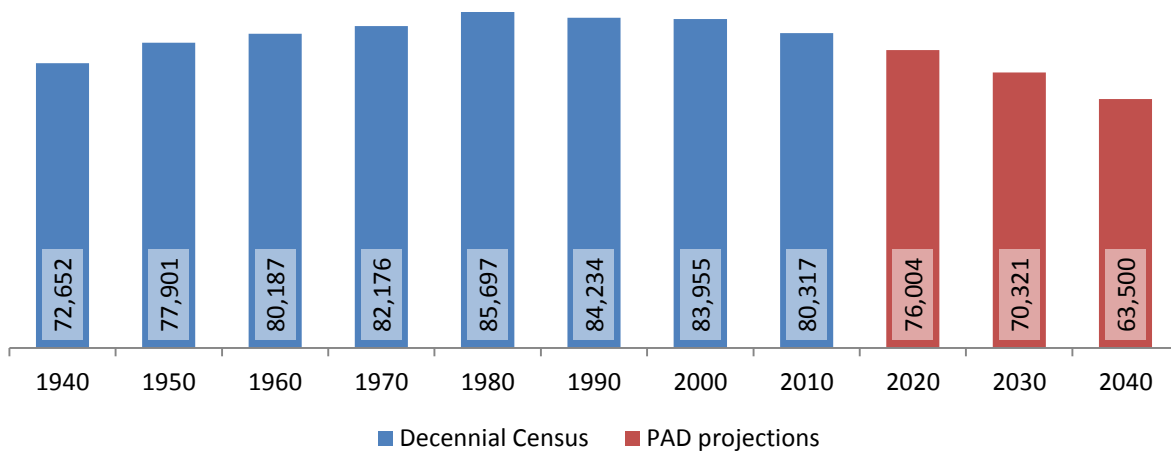
2 Population density and Urban Areas Map



3 Total Population

3.1 Historic and projected

Total population, Cattaraugus County, 1940-2040



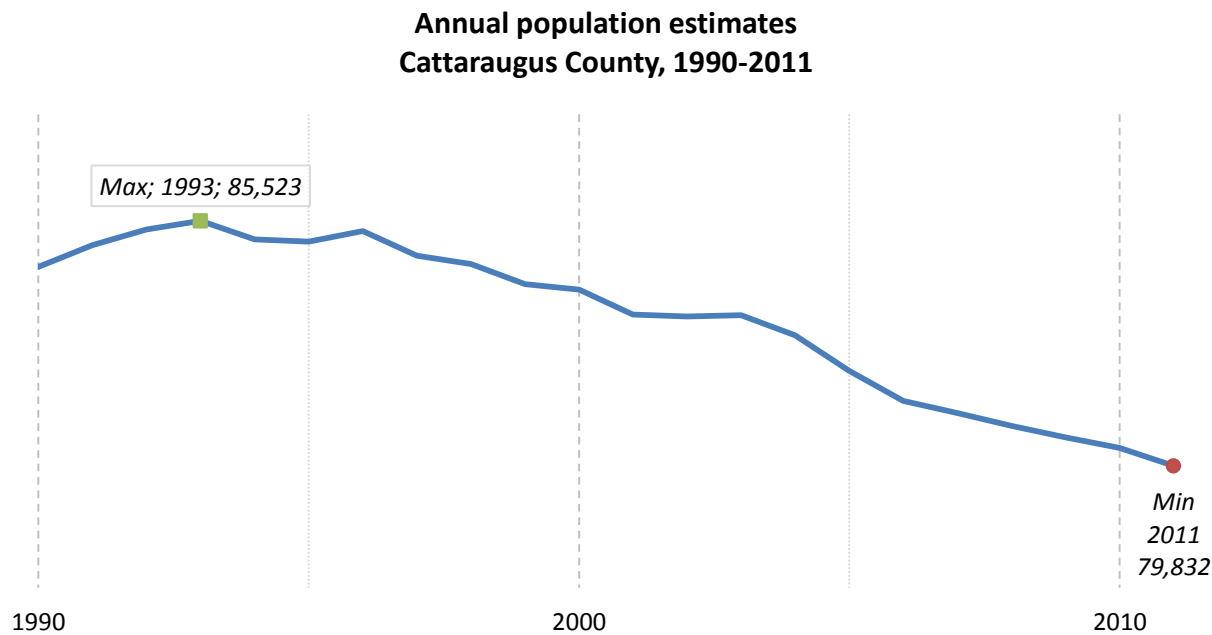
Source: 1940-2010 Decennial Census and projections by Cornell Program on Applied Demographics

3.2 Change since previous Census

		Total population	Change	
			Number	Percent
Decennial Census	1940	72,652		
	1950	77,901	5,249	7.2%
	1960	80,187	2,286	2.9%
	1970	82,176	1,989	2.5%
	1980	85,697	3,521	4.3%
	1990	84,234	-1,463	-1.7%
	2000	83,955	-279	-0.3%
	2010	80,317	-3,638	-4.3%
PAD projec- tions	2020	76,004	-4,313	-5.4%
	2030	70,321	-5,683	-7.5%
	2040	63,500	-6,821	-9.7%

Source: 1940-2010 Decennial Census and projections by Cornell Program on Applied Demographics

3.3 Annual population estimates



Source: U.S. Census Bureau population estimates (1990-1999 and 2000-2009 intercensal and vintage 2011 postcensal)

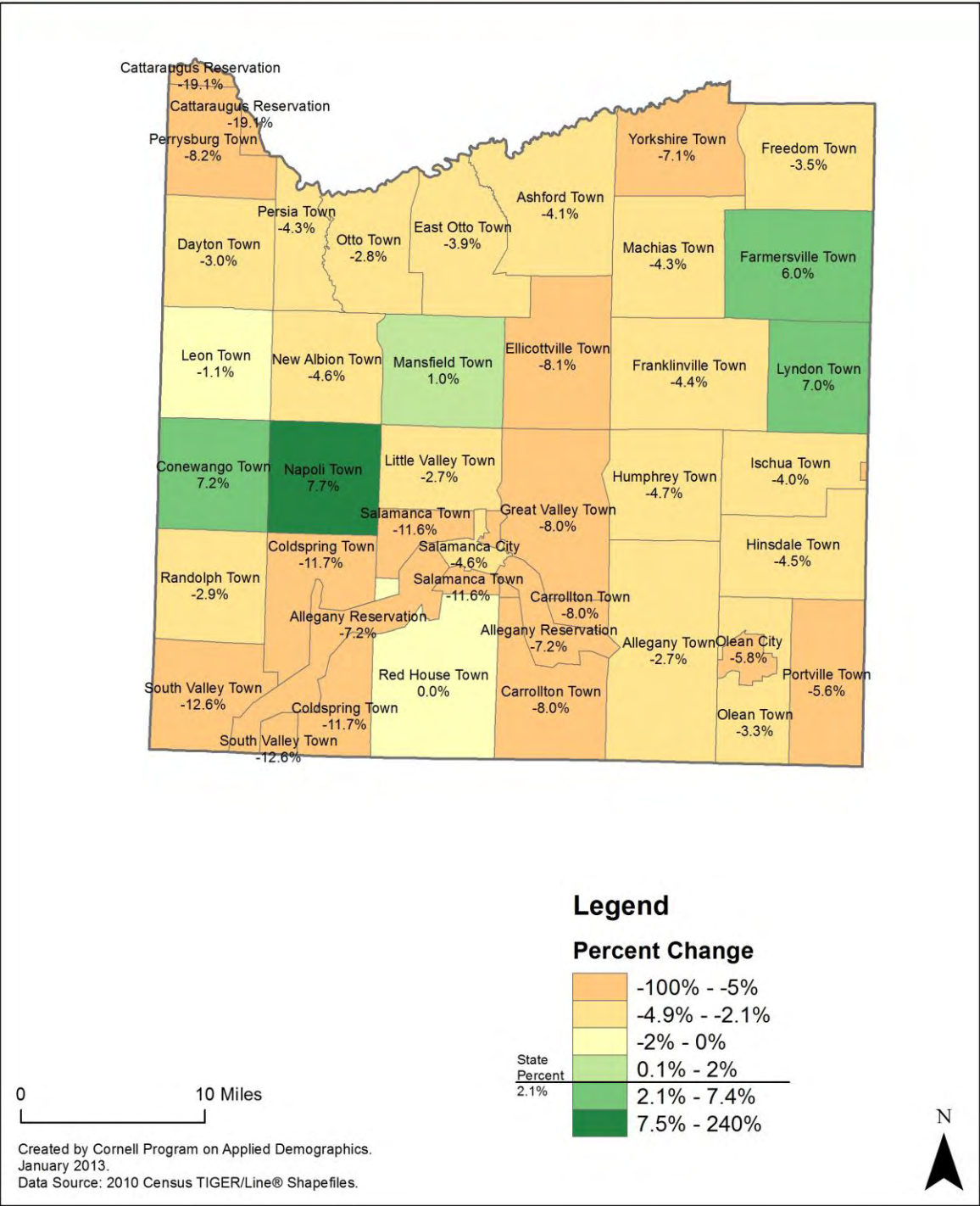
3.4 Percentage sub county change 2000-2010

	Total Population		Difference	
	2000	2010	Count	%
New York State	18,976,821 *	19,378,102	401,281	2.1%
Cattaraugus County	83,955	80,317	-3,638	-4.3%
Cities				
Olean	15,347	14,452	-895	-5.8%
Salamanca	6,097	5,815	-282	-4.6%
Towns				
Allegany	8,230	8,004	-226	-2.7%
Ashford	2,223	2,132	-91	-4.1%
Carrollton	1,410	1,297	-113	-8.0%
Coldspring	751	663	-88	-11.7%
Conewango	1,732	1,857	125	7.2%
Dayton	1,945	1,886	-59	-3.0%
East Otto	1,105	1,062	-43	-3.9%
Ellicottville	1,738	1,598	-140	-8.1%
Farmersville	1,028	1,090	62	6.0%
Franklinville	3,128	2,990	-138	-4.4%
Freedom	2,493	2,405	-88	-3.5%
Great Valley	2,145	1,974	-171	-8.0%
Hinsdale	2,270	2,168	-102	-4.5%
Humphrey	721	687	-34	-4.7%
Ischua	895	859	-36	-4.0%
Leon	1,380	1,365	-15	-1.1%
Little Valley	1,788	1,740	-48	-2.7%
Lyndon	661	707	46	7.0%
Machias	2,482	2,375	-107	-4.3%
Mansfield	800	808	8	1.0%
Napoli	1,159	1,248	89	7.7%
New Albion	2,068	1,972	-96	-4.6%
Olean	2,029	1,963	-66	-3.3%
Otto	831	808	-23	-2.8%
Perrysburg	1,771	1,626	-145	-8.2%
Persia	2,512	2,404	-108	-4.3%
Portville	3,952	3,730	-222	-5.6%
Randolph	2,681	2,602	-79	-2.9%
Red House	38	38	0	0.0%
Salamanca	544	481	-63	-11.6%
South Valley	302	264	-38	-12.6%
Yorkshire	4,210	3,913	-297	-7.1%
Reservations				
Allegany	1,099	1,020	-79	-7.2%
Cattaraugus	388	314	-74	-19.1%
Oil Springs	2	0	-2	-100.0%

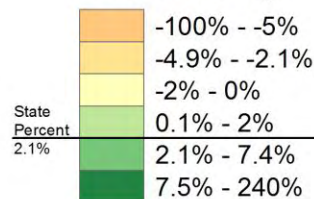
* Original counts revised through Count Question Resolution Program (CQR)

Source: U.S. Census Bureau intercensal population estimates 2000-2010

Cattaraugus County, NY
County Subdivision, Percent Change in Population



Percent Change



0 10 Miles

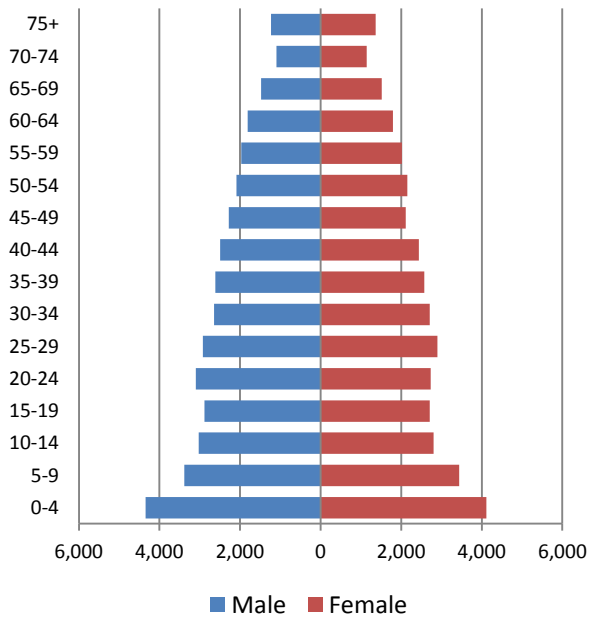
Created by Cornell Program on Applied Demographics.
January 2013.
Data Source: 2010 Census TIGER/Line® Shapefiles.



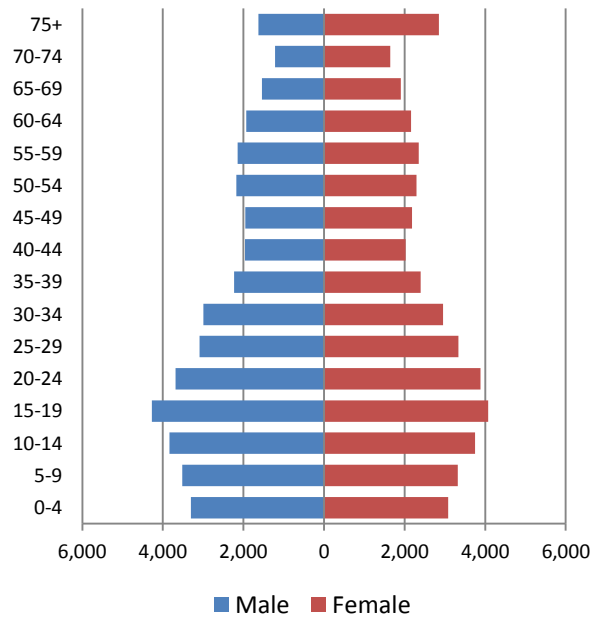
4 Population by age

4.1 Historic and projected population pyramids

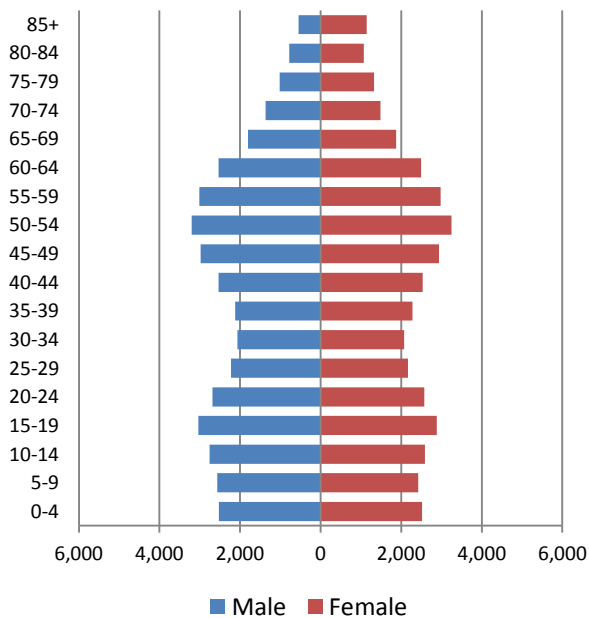
**1950 Population Pyramid,
Cattaraugus County**



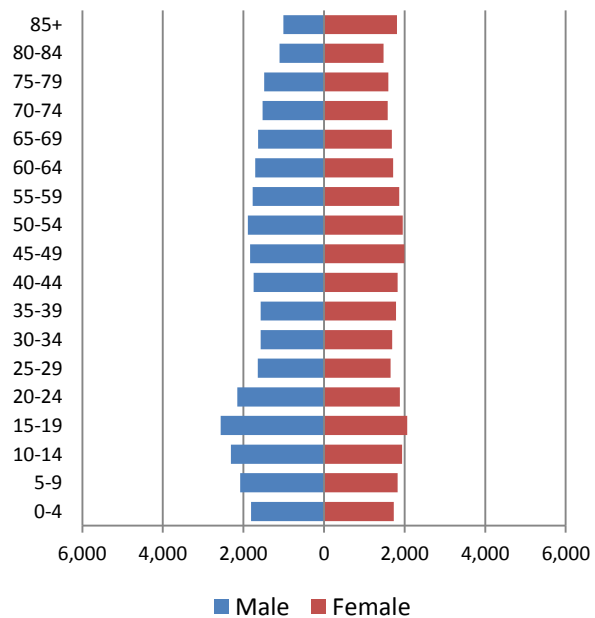
**1980 Population Pyramid,
Cattaraugus County**



**2010 Population Pyramid,
Cattaraugus County**



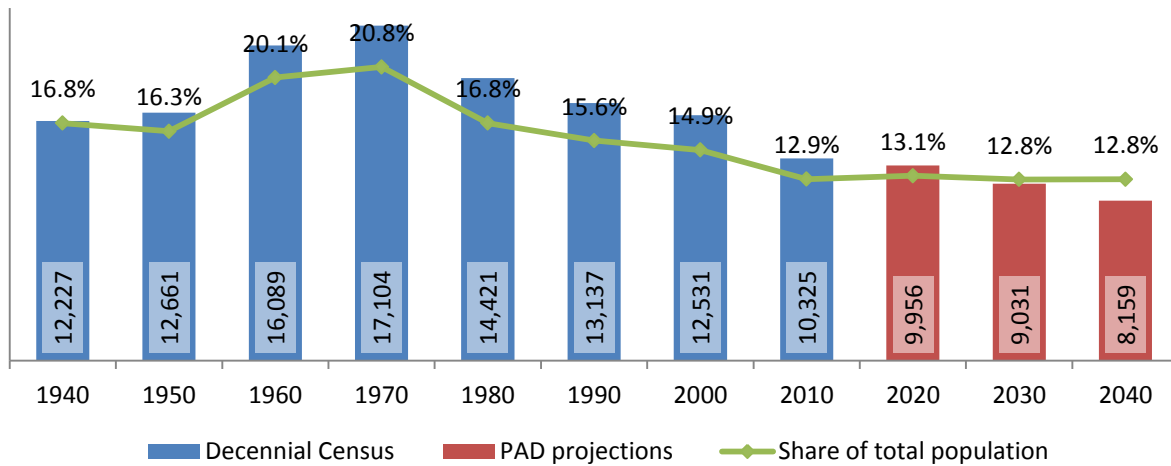
**2040 Population Pyramid,
Cattaraugus County**



Source: 1950, 1980, 2010 Decennial Census and projections by Cornell Program on Applied Demographics

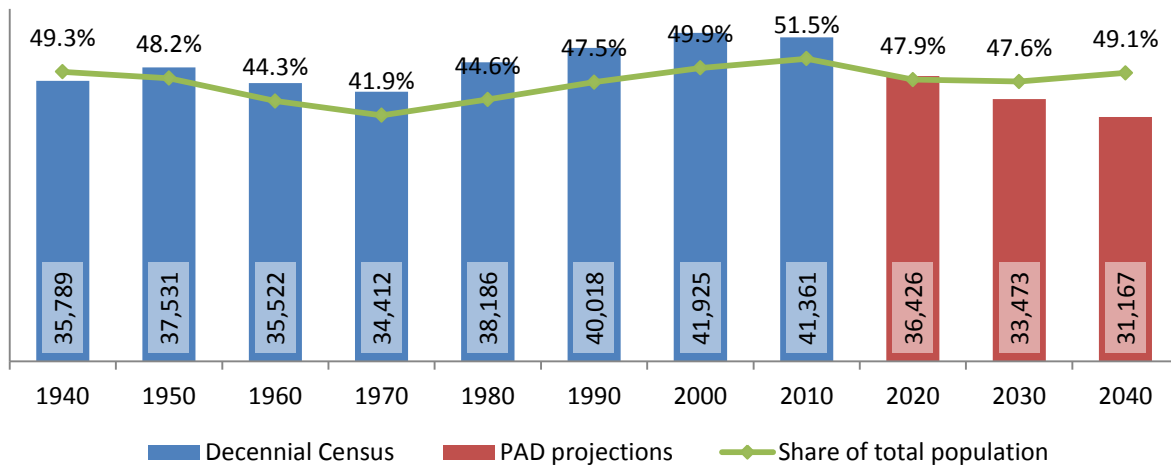
4.2 Selected age groups

Population age 5-14, Cattaraugus County, 1940-2040

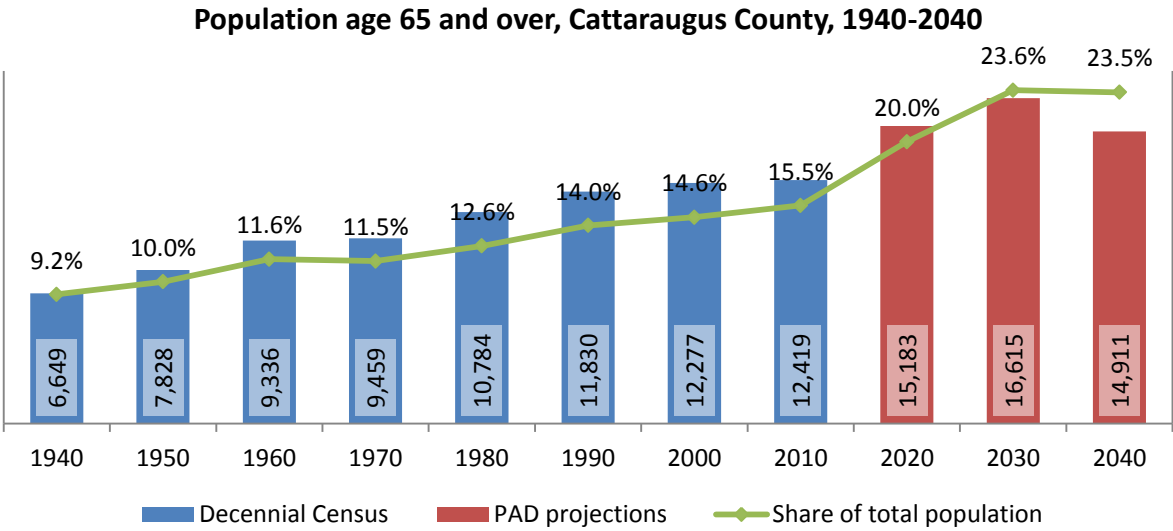


Source: 1940-2010 Decennial Census and projections by Cornell Program on Applied Demographics

Population age 25-64, Cattaraugus County, 1940-2040



Source: 1940-2010 Decennial Census and projections by Cornell Program on Applied Demographics



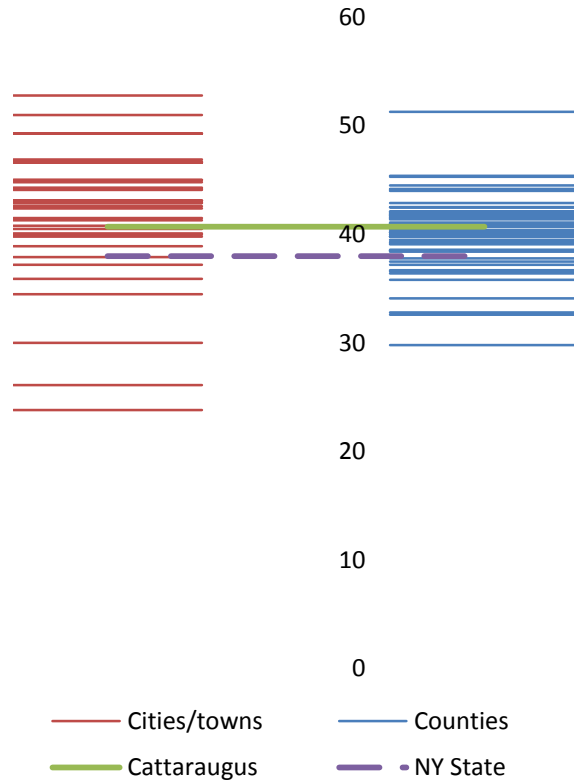
Source: 1940-2010 Decennial Census and projections by Cornell Program on Applied Demographics

4.3 Median age: comparison between areas

	Median Age
New York State	38.0
Cattaraugus County	40.7
Cities	
Olean city	38.9
Salamanca city	37.9
Towns	
Allegany town	34.5
Ashford town	45.0
Carrollton town	43.1
Coldspring town	44.8
Conewango town	23.8
Dayton town	40.5
East Otto town	41.5
Ellicottville town	49.3
Farmersville town	44.3
Franklinville town	39.8
Freedom town	41.3
Great Valley town	46.6
Hinsdale town	44.2
Humphrey town	42.6
Ischua town	45.0
Leon town	26.1
Little Valley town	40.0
Lyndon town	46.7
Machias town	43.1
Mansfield town	46.9
Napoli town	35.9
New Albion town	42.9
Olean town	46.6
Otto town	42.9
Perrysburg town	44.1
Persia town	42.4
Portville town	43.1
Randolph town	40.1
Red House town	51.0
Salamanca town	49.3
South Valley town	52.8
Yorkshire town	40.8
Reservations	
Allegany Reservation	37.2
Cattaraugus Reservation	30.0
Oil Springs Reservation	-

Source: 2010 Decennial Census

Median age comparison
within county (left) and
between counties (right)



5 Race

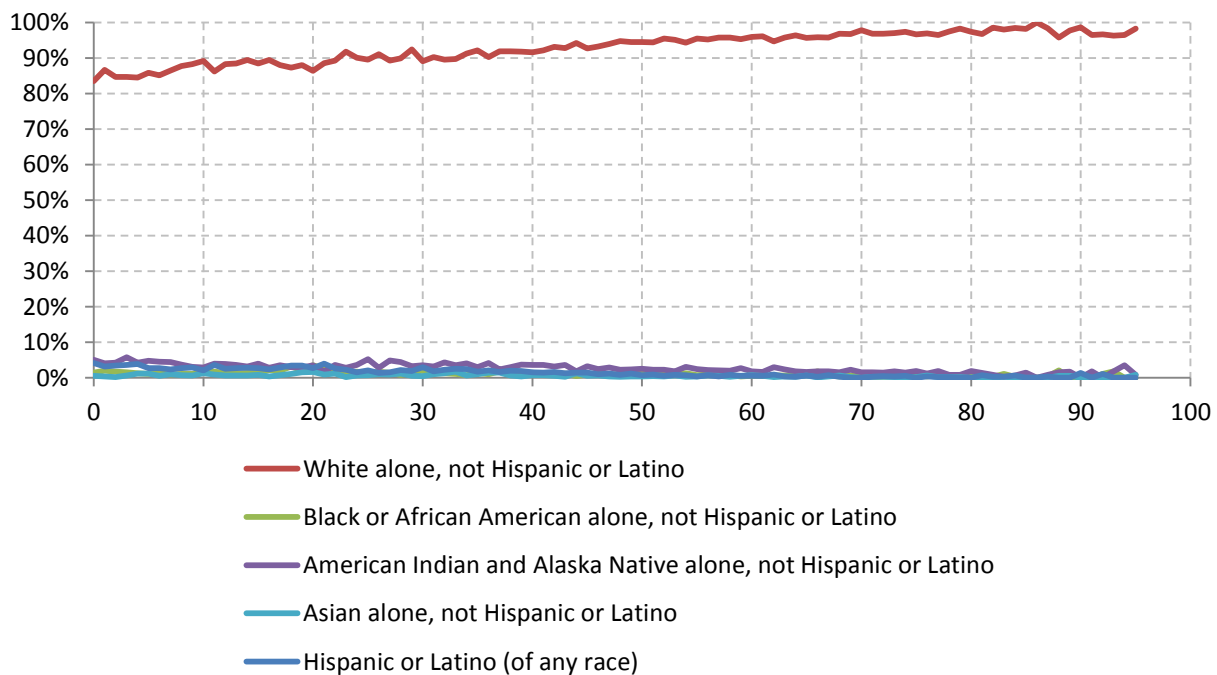
5.1 Total and household population by race

	Total		In households		In Group Quarters
	Count	Percentage	Count	Percentage	Count
Total population	80,317	100%	77,638	100%	2,679
Not Hispanic or Latino					
One race					
White	73,849	91.9%	71,552	92.2%	2,297
Black or African American	966	1.2%	803	1.0%	163
American Indian and Alaska Native	2,361	2.9%	2,322	3.0%	39
Asian	524	0.7%	468	0.6%	56
Native Hawaiian and Other Pacific Islander	14	0.0%	-	-	-
Some other race	36	0.0%	-	-	-
Two or more races	1,222	1.5%	1,199	1.5%	23
Hispanic or Latino (of any race)	1,345	1.7%	1,245	1.6%	100

Source: 2010 Decennial Census

5.2 Race composition by age

Race composition by age, Cattaraugus County



Source: 2010 Decennial Census

6 Housing units

6.1 Characteristics

	COUNT		PERCENTAGE	
	Estimate	Margin of error	Estimate	Margin of error
HOUSING OCCUPANCY				
Total housing units	41,069	± 185	100.0%	
Occupied housing units	32,440	± 441	79.0%	± 1.0
Vacant housing units	8,629	± 410	21.0%	± 1.0
YEAR STRUCTURE BUILT				
Total housing units	41,069	± 185	100.0%	
Built 2005 or later	707	± 140	1.7%	± 0.3
Built 2000 to 2004	1,816	± 198	4.4%	± 0.5
Built 1990 to 1999	4,045	± 275	9.8%	± 0.7
Built 1980 to 1989	4,798	± 315	11.7%	± 0.8
Built 1970 to 1979	5,159	± 308	12.6%	± 0.8
Built 1960 to 1969	2,743	± 249	6.7%	± 0.6
Built 1950 to 1959	3,652	± 300	8.9%	± 0.7
Built 1940 to 1949	2,536	± 238	6.2%	± 0.6
Built 1939 or earlier	15,613	± 495	38.0%	± 1.2
HOUSING TENURE				
Occupied housing units	32,440	± 441	100.0%	
Owner-occupied	23,505	± 458	72.5%	± 1.3
Renter-occupied	8,935	± 473	27.5%	± 1.3
HOUSE HEATING FUEL				
Occupied housing units	32,440	± 441	100.0%	
Utility gas	16,620	± 443	51.2%	± 1.1
Bottled, tank, or LP gas	3,884	± 274	12.0%	± 0.8
Electricity	4,112	± 282	12.7%	± 0.8
Fuel oil, kerosene, etc.	2,857	± 232	8.8%	± 0.7
Coal or coke	494	± 105	1.5%	± 0.3
Wood	3,927	± 256	12.1%	± 0.8
Solar energy	0	± 89	0.0%	± 0.1
Other fuel	498	± 99	1.5%	± 0.3
No fuel used	48	± 29	0.1%	± 0.1
VALUE				
Owner-occupied units	23,505	± 458	100.0%	
Less than \$50,000	5,246	± 380	22.3%	± 1.5
\$50,000 to \$99,999	10,445	± 434	44.4%	± 1.7
\$100,000 to \$149,999	3,725	± 228	15.8%	± 1.0
\$150,000 to \$199,999	1,855	± 189	7.9%	± 0.8
\$200,000 to \$299,999	1,425	± 176	6.1%	± 0.7
\$300,000 to \$499,999	486	± 94	2.1%	± 0.4
\$500,000 to \$999,999	254	± 63	1.1%	± 0.3
\$1,000,000 or more	69	± 33	0.3%	± 0.1
Median (dollars)	78,400	± 1,197		

Source: 2007-2011 American Community Survey

6.2 Historical data on number of housing units and occupancy status

Year	Number of Housing Units	Change since previous Census	Occupied	Occupancy rate	Vacant
1970	28,601		24,878	87.0%	3,723
1980	34,851	21.9%	29,280	84.0%	5,571
1990	36,839	5.7%	30,456	82.7%	6,383
2000	39,839	8.1%	32,023	80.4%	7,816
2010	41,111	3.2%	32,263	78.5%	8,848

Source: 1970-2010 Decennial Census

7 Education

7.1 Enrollment by level of school

	Estimate	Margin of error
Total enrolled in school	19,901	± 374
Nursery school, preschool	1,275	± 160
Kindergarten	1,037	± 147
Elementary: grade 1 to grade 4	4,324	± 292
Elementary: grade 5 to grade 8	4,357	± 284
High school: grade 9 to grade 12	4,227	± 156
College, undergraduate	4,137	± 324
Graduate, professional school	544	± 106

Source: 2007-2011 American Community Survey

7.2 Enrollment by age

	Estimate	Margin of error
3 and 4 years	48.3%	± 5.6
5 to 9 years	97.0%	± 1.0
10 to 14 years	98.6%	± 0.6
15 to 17 years	94.2%	± 2.1
18 and 19 years	65.4%	± 6.2
20 to 24 years	40.1%	± 4.3
25 to 34 years	8.4%	± 1.7
35 years and over	1.6%	± 0.3

Source: 2007-2011 American Community Survey

7.3 Percentage age 18-24 enrolled in college

	Estimate	Margin of error
Population 18 to 24 years	7,850	± 70
Enrolled in college or graduate school	42.3%	± 3.4
Males 18 to 24 years	4,037	± 39
Enrolled in college or graduate school	37.9%	± 3.9
Females 18 to 24 years	3,813	± 59
Enrolled in college or graduate school	46.9%	± 5.2

Source: 2007-2011 American Community Survey

7.4 Educational attainment

	COUNT		PERCENTAGE	
	Estimate	Margin of error	Estimate	Margin of error
Population 25 years and over	53,637	± 70	100%	
EDUCATIONAL ATTAINMENT				
Less than 9th grade	2,293	± 238	4.3%	± 0.4
9th to 12th grade, no diploma	4,479	± 289	8.4%	± 0.5
High school graduate (includes equivalency)	22,490	± 619	41.9%	± 1.2
Some college, no degree	9,338	± 460	17.4%	± 0.9
Associate's degree	5,671	± 331	10.6%	± 0.6
Bachelor's degree	5,011	± 342	9.3%	± 0.6
Graduate or professional degree	4,355	± 313	8.1%	± 0.6
Percent high school graduate or higher			87.4%	± 0.7
Percent bachelor's degree or higher			17.5%	± 0.8

Source: 2007-2011 American Community Survey

8 Language spoken at home

	COUNT		PERCENTAGE		SPEAK ENGLISH LESS THAN "VERY WELL"	
	Estimate	Margin of error	Estimate	Margin of error	Estimate	Margin of error
Population 5 years and over	75,586	± 57	100%			
LANGUAGE SPOKEN AT HOME						
English only	71,420	± 495	94.5%	± 0.6		
Language other than English	4,166	± 491	5.5%	± 0.6	1,425	± 251
Spanish	1,124	± 191	1.5%	± 0.3	228	± 69
Other Indo-European languages	2,419	± 424	3.2%	± 0.6	1,034	± 248
Asian and Pacific Islander languages	225	± 78	0.3%	± 0.1	114	± 57
Other languages	398	± 95	0.5%	± 0.1	49	± 29

Source: 2007-2011 American Community Survey

9 Labor Force Characteristics

9.1 Labor force, employment and unemployment

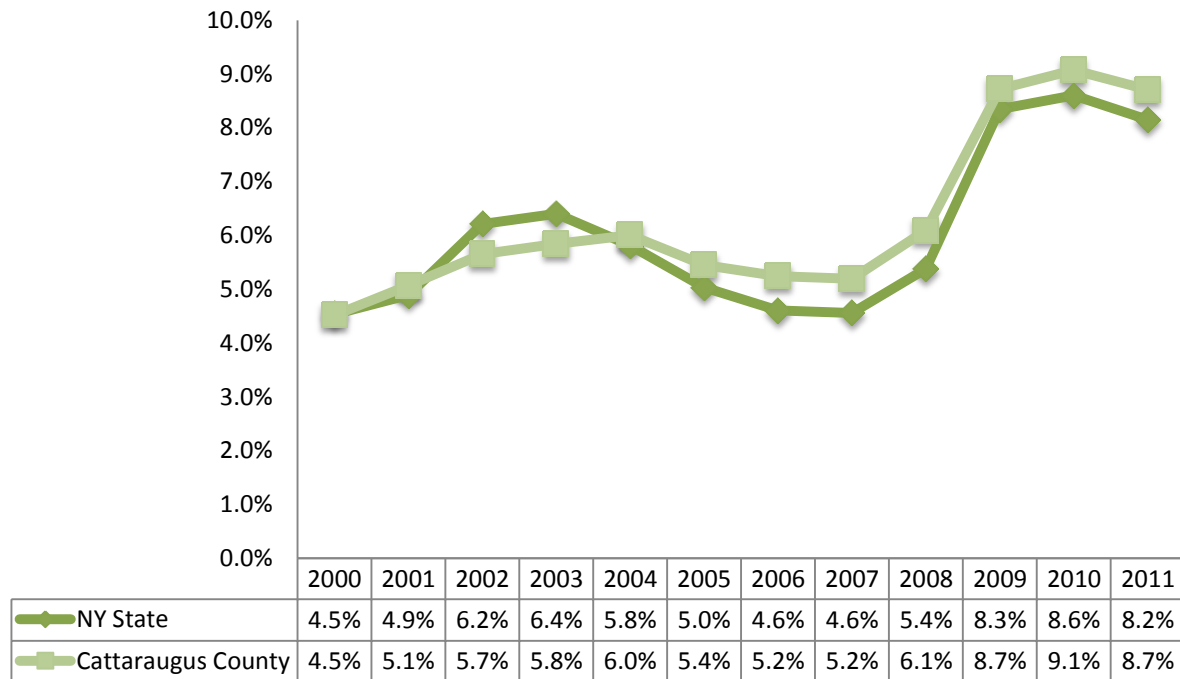
	TOTAL		IN LABOR FORCE		EMPLOYED		UNEMPLOYMENT RATE	
	Estimate	Margin of error	Estimate	Margin of error	Estimate	Margin of error	Estimate	Margin of error
Population 16 years and over	63,851	± 109	61.9%	± 0.9	56.4%	± 0.9	8.8%	± 0.7
AGE								
16 to 19 years	4,874	± 117	45.5%	± 4.8	36.4%	± 4.3	20.0%	± 4.5
20 to 24 years	5,340	± 98	73.1%	± 3.2	62.9%	± 3.8	13.8%	± 3.5
25 to 44 years	18,071	± 88	84.2%	± 1.5	77.1%	± 1.8	8.2%	± 1.0
45 to 54 years	12,555	± 87	80.0%	± 1.9	73.9%	± 2.2	7.6%	± 1.5
55 to 64 years	10,753	± 44	60.4%	± 2.1	57.1%	± 2.2	5.4%	± 1.2
65 to 74 years	6,382	± 32	20.5%	± 2.1	19.1%	± 2.1	7.1%	± 3.2
75 years and over	5,876	± 35	6.1%	± 1.3	5.6%	± 1.2	9.2%	± 7.8
RACE AND HISPANIC OR LATINO ORIGIN								
One race	63,186	± 143	61.9%	± 0.9	56.6%	± 0.9	8.5%	± 0.7
White	60,214	± 150	62.1%	± 0.9	56.9%	± 1.0	8.4%	± 0.8
Black or African American	814	± 85	38.1%	± 8.8	38.1%	± 8.8	0.0%	± 9.9
American Indian and Alaska Native	1,556	± 73	66.3%	± 4.6	55.0%	± 5.6	16.8%	± 5.4
Asian	377	± 35	70.3%	± 12.7	63.1%	± 14.3	10.2%	± 9.9
Pacific Islander	14	± 21	57.1%	± 13.6	57.1%	± 13.6	0.0%	± 100.0
Some other race	211	± 67	50.7%	± 17.3	50.7%	± 17.3	0.0%	± 25.7
Two or more races	665	± 112	62.3%	± 7.4	42.9%	± 9.2	31.2%	± 11.2
Hispanic or Latino origin (of any race)	839	± 21	57.3%	± 10.3	47.1%	± 11.1	17.9%	± 9.4
White alone, not Hispanic or Latino	59,690	± 108	62.1%	± 0.9	56.9%	± 1.0	8.3%	± 0.8
SEX								
Population 20 to 64 years	46,719	± 85	76.3%	± 1.0	70.0%	± 1.1	8.1%	± 0.8
Male	23,390	± 83	79.4%	± 1.3	71.5%	± 1.5	9.9%	± 1.2
Female	23,329	± 74	73.2%	± 1.3	68.6%	± 1.3	6.2%	± 0.9
With own children under 6 years	3,641	± 285	69.0%	± 4.0	62.0%	± 3.9	10.1%	± 3.5
EDUCATIONAL ATTAINMENT								
Population 25 to 64 years	41,379	± 85	76.7%	± 1.0	71.0%	± 1.0	7.5%	± 0.7
Less than high school graduate	4,052	± 253	56.4%	± 3.4	48.0%	± 3.5	15.0%	± 3.5
High school graduate (includes equivalency)	16,746	± 534	75.3%	± 1.5	68.8%	± 1.7	8.7%	± 1.3
Some college or associate's degree	12,830	± 501	79.5%	± 1.6	73.9%	± 1.7	6.9%	± 1.4
Bachelor's degree or higher	7,751	± 404	85.9%	± 1.6	82.8%	± 2.2	3.4%	± 1.4

Table formula: **LABOR FORCE** = # EMPLOYED + # UNEMPLOYED
% IN LABOR FORCE = LABOR FORCE / TOTAL * 100%
% EMPLOYED = # EMPLOYED / TOTAL * 100%
UNEMPLOYMENT RATE = # UNEMPLOYED / LABOR FORCE * 100%

Source: 2007-2011 American Community Survey

9.2 Annual unemployment rate

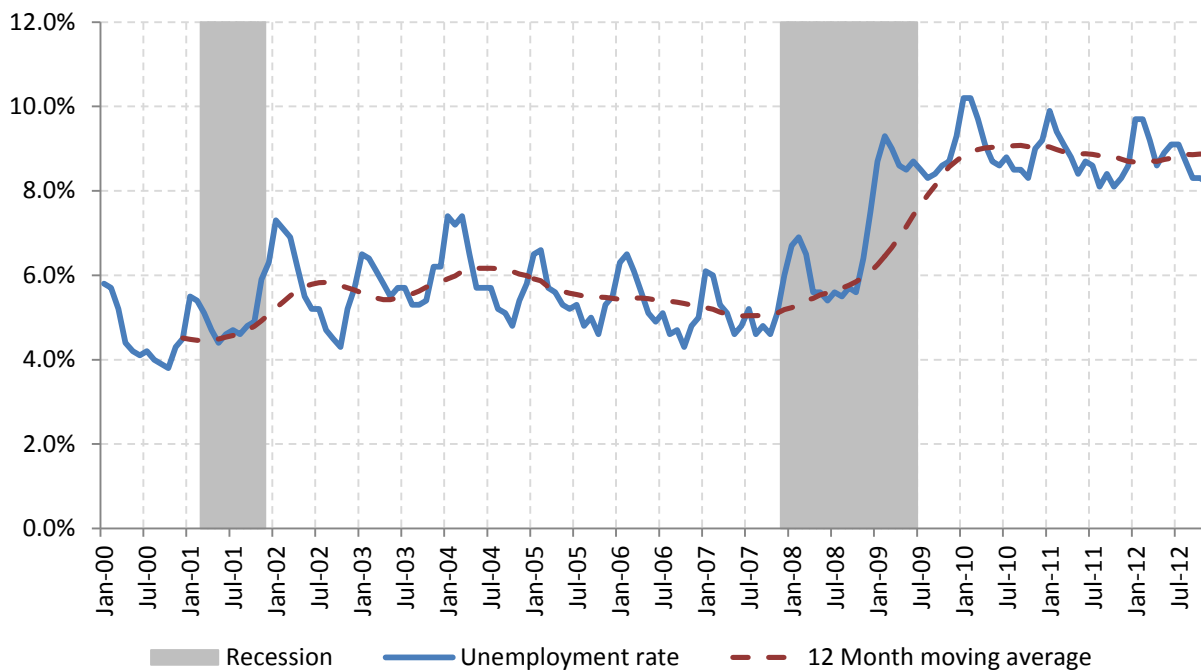
Annual unemployment rate, Cattaraugus County and New York State



Source: Bureau Labor Statistics (BLS)

9.3 Monthly unemployment rate

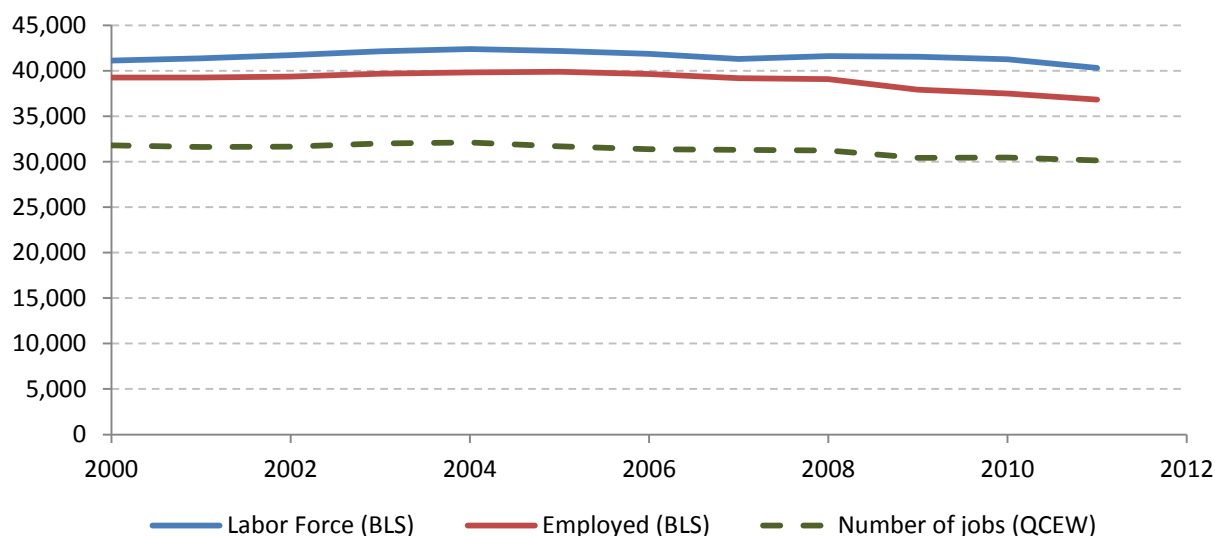
Monthly unemployment rate, Cattaraugus County



Source: Bureau Labor Statistics (BLS)

9.4 Employment and number of jobs

**Labor force, number of employed workers and number of jobs
Cattaraugus County**



Source: Bureau Labor Statistics (BLS) and NY Department of Labor - Quarterly Census of Employment and Wages (QCEW) – annual averages

9.5 Class of worker

		Median earnings (\$)					
		Total	%Male	%Female	Total	Male	Female
Civilian employed population 16 years and over	Estimate	36,037	51.2%	48.8%	27,142	33,643	22,564
	Margin of error	± 612	± 0.7	± 0.7	± 690	± 1,109	± 841
Private for-profit wage and salary workers:	Estimate	22,250	55.6%	44.4%	25,391	32,051	20,307
	Margin of error	± 668	± 1.3	± 1.3	± 827	± 1,351	± 907
Employee of private company workers	Estimate	21,360	54.7%	45.3%	25,071	31,531	20,261
	Margin of error	± 654	± 1.3	± 1.3	± 874	± 1,296	± 898
Self-employed in own incorporated business workers	Estimate	890	75.8%	24.2%	40,236	45,573	24,688
	Margin of error	± 163	± 5.6	± 5.6	± 7,009	± 9,881	± 10,039
Private not-for-profit wage and salary workers	Estimate	3,867	28.6%	71.4%	25,154	28,824	24,698
	Margin of error	± 293	± 3.3	± 3.3	± 2,233	± 7,168	± 2,176
Local government workers	Estimate	4,342	40.0%	60.0%	35,795	38,347	32,161
	Margin of error	± 329	± 3.2	± 3.2	± 2,083	± 3,945	± 2,185
State government workers	Estimate	2,503	50.1%	49.9%	40,996	44,672	36,413
	Margin of error	± 230	± 4.7	± 4.7	± 1,467	± 2,600	± 3,068
Federal government workers	Estimate	471	46.1%	53.9%	50,091	59,567	30,625
	Margin of error	± 91	± 9.2	± 9.2	± 8,457	± 6,564	± 18,384
Self-employed in own not incorporated business workers and unpaid family workers	Estimate	2,604	68.5%	31.5%	18,315	24,215	11,930
	Margin of error	± 283	± 4.1	± 4.1	± 2,228	± 4,853	± 2,249

Source: 2007-2011 American Community Survey

9.6 Jobs by industry sector

	Cattaraugus County			NY state
	2011	Change since 2006	% of total	% of total
All NAICS Sectors	28,967	-4.8%	100.0%	100.0%
Agriculture, Forestry, Fishing and Hunting	245	14.0%	0.8%	0.3%
Mining, Quarrying, and Oil and Gas Extraction	109	-27.3%	0.4%	0.1%
Utilities	29	-3.3%	0.1%	0.5%
Construction	646	0.8%	2.2%	3.5%
Manufacturing	3,588	-18.4%	12.4%	5.5%
Wholesale Trade	707	-6.6%	2.4%	4.0%
Retail Trade	3,310	-5.6%	11.4%	10.5%
Transportation and Warehousing	437	-48.6%	1.5%	3.4%
Information	250	5.0%	0.9%	3.3%
Finance and Insurance	709	8.9%	2.4%	6.0%
Real Estate and Rental and Leasing	226	-1.3%	0.8%	2.3%
Professional, Scientific, and Technical Services	497	-1.4%	1.7%	6.9%
Management of Companies and Enterprises	163	-3.6%	0.6%	1.6%
Administrative and Support and Waste Management and Remediation Services	664	-11.7%	2.3%	5.2%
Educational Services	4,300	0.3%	14.8%	10.8%
Health Care and Social Assistance	4,268	-4.4%	14.7%	17.0%
Arts, Entertainment, and Recreation	1,336	6.8%	4.6%	1.9%
Accommodation and Food Services	2,309	4.3%	8.0%	7.3%
Other Services (except Public Administration)	1,150	1.0%	4.0%	3.9%
Public Administration	4,029	1.3%	13.9%	5.8%

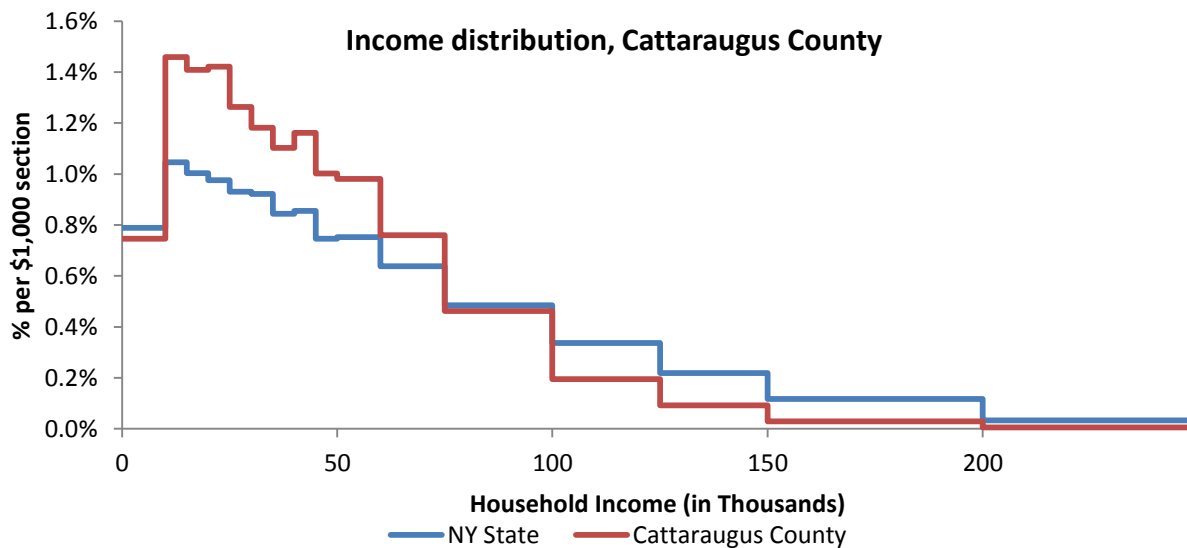
Source: U.S. Census Bureau - Public Use Quarterly Workforce Indicators (QWI) – annual averages

10 Household Income

10.1 Distribution

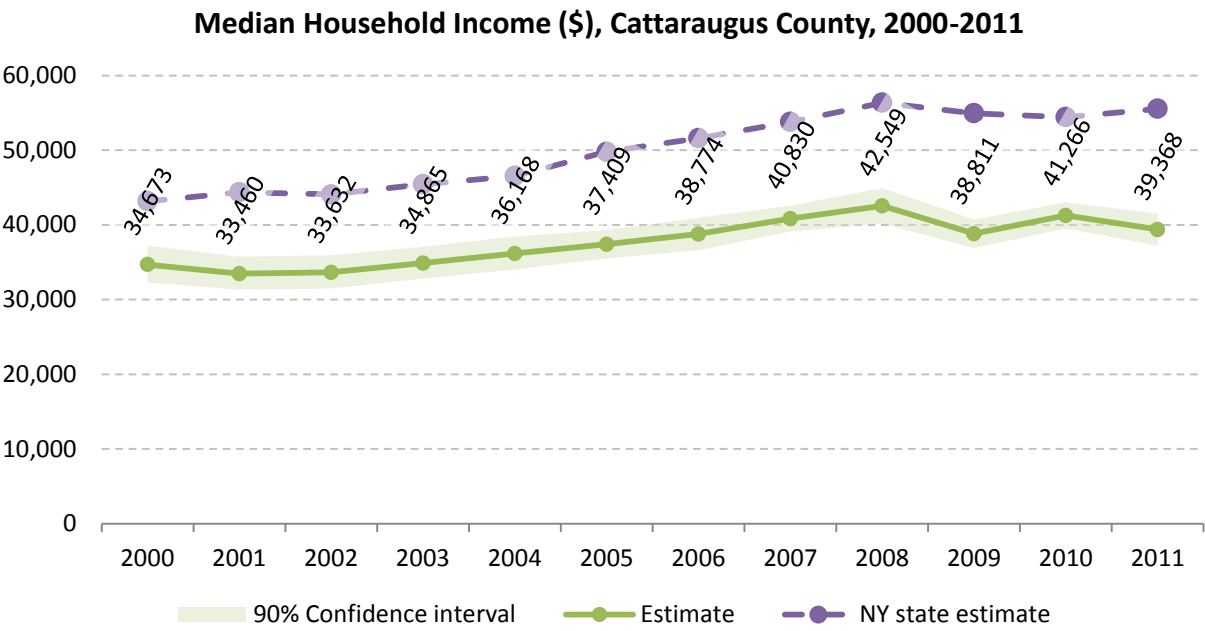
	Estimate	Margin of error	Interval width (in \$1,000)	Est. per \$1,000 section
Total:	32,440	± 441		
Less than \$10,000	2,420	± 207	10	242.0
\$10,000 to \$14,999	2,366	± 229	5	473.2
\$15,000 to \$19,999	2,285	± 250	5	457.0
\$20,000 to \$24,999	2,306	± 234	5	461.2
\$25,000 to \$29,999	2,049	± 242	5	409.8
\$30,000 to \$34,999	1,916	± 183	5	383.2
\$35,000 to \$39,999	1,788	± 204	5	357.6
\$40,000 to \$44,999	1,885	± 204	5	377.0
\$45,000 to \$49,999	1,625	± 192	5	325.0
\$50,000 to \$59,999	3,180	± 281	10	318.0
\$60,000 to \$74,999	3,695	± 245	15	246.3
\$75,000 to \$99,999	3,751	± 260	25	150.0
\$100,000 to \$124,999	1,580	± 182	25	63.2
\$125,000 to \$149,999	745	± 115	25	29.8
\$150,000 to \$199,999	480	± 88	50	9.6
\$200,000 or more	369	± 96	-	-

Source: 2007-2011 American Community Survey



Source: 2007-2011 American Community Survey

10.2 Median household income: Trends over time

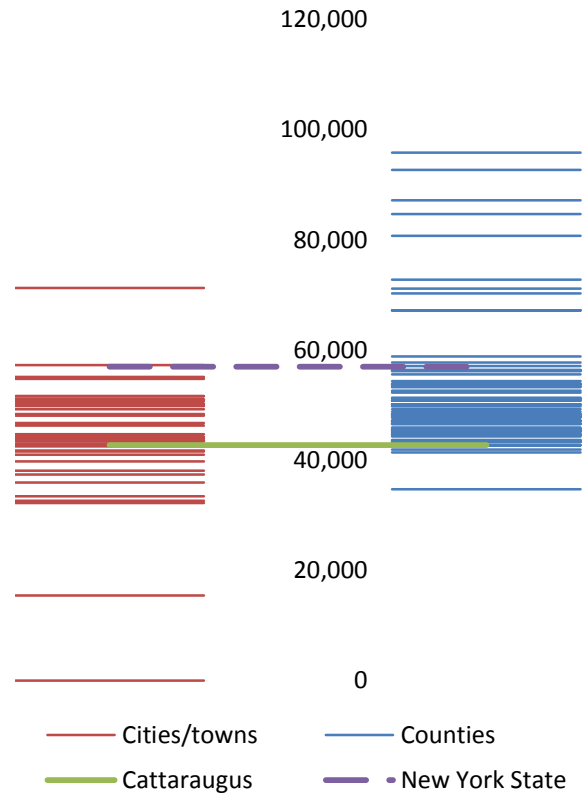


Source: Small Area Income and Poverty Estimates (SAIPE)

10.3 Median household income: Comparison between areas

MEDIAN HOUSEHOLD INCOME (\$)		
	Estimate	Margin of error
New York State	56,951	± 190
Cattaraugus County	42,754	± 1,046
Cities		
Olean	38,098	± 4,858
Salamanca	32,620	± 2,760
Towns		
Allegany	51,633	± 4,125
Ashford	48,114	± 6,462
Carrollton	37,391	± 7,282
Coldspring	51,000	± 5,454
Conewango	44,265	± 6,071
Dayton	50,217	± 7,556
East Otto	48,385	± 3,757
Ellicottville	41,563	± 11,873
Farmersville	43,417	± 6,761
Franklinville	35,938	± 5,660
Freedom	43,962	± 6,894
Great Valley	51,650	± 8,045
Hinsdale	41,010	± 6,402
Humphrey	41,750	± 10,124
Ischua	43,594	± 5,813
Leon	42,917	± 6,075
Little Valley	43,506	± 2,538
Lyndon	49,250	± 6,908
Machias	44,727	± 7,460
Mansfield	50,982	± 4,238
Napoli	49,821	± 6,418
New Albion	39,805	± 5,182
Olean	57,250	± 8,475
Otto	50,083	± 24,196
Perrysburg	55,089	± 5,314
Persia	46,298	± 3,320
Portville	50,680	± 3,835
Randolph	42,500	± 6,087
Red House	71,250	± 9,037
Salamanca	54,792	± 13,589
South Valley	46,750	± 7,125
Yorkshire	33,446	± 4,440
Reservations		
Allegany	32,237	± 4,689
Cattaraugus	15,417	± 35,481
Oil Springs	-	**

Median household income comparison within county (left) and between counties (right)



Source: 2007-2011 American Community Survey

11 Poverty

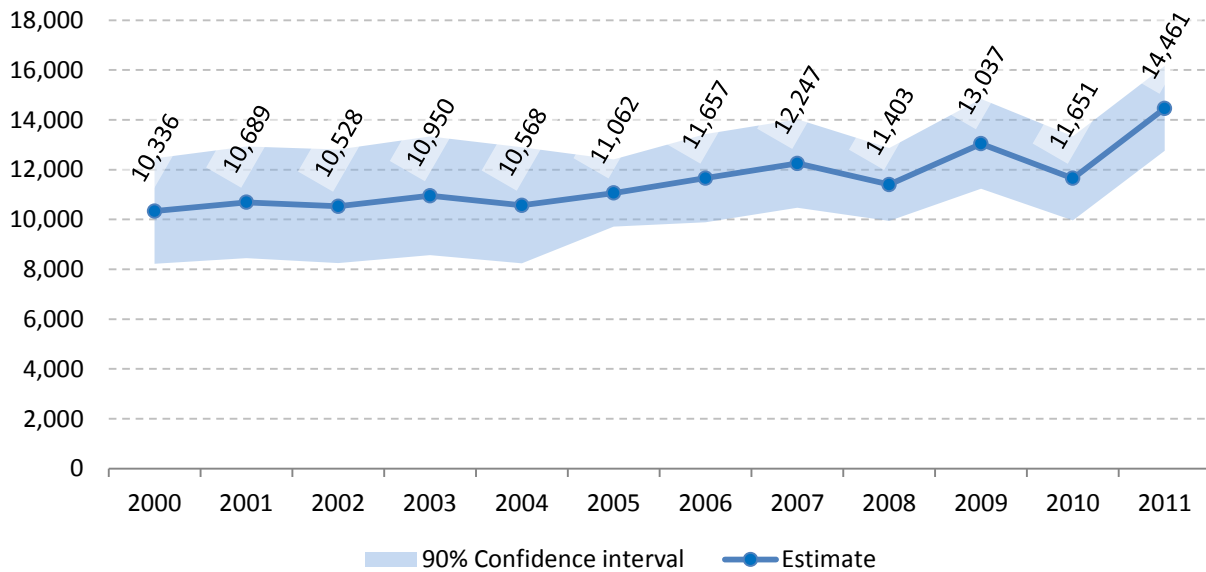
11.1 Poverty characteristics

	TOTAL		BELOW POVERTY LEVEL		PERCENT BELOW POVERTY LEVEL	
	Estimate	Margin of error	Estimate	Margin of error	Estimate	Margin of error
Population for whom poverty status is determined	77,427	± 412	12,949	± 925	16.7%	± 1.2
AGE						
Under 18 years	18,390	± 166	4,795	± 506	26.1%	± 2.8
Related children under 18 years	18,173	± 183	4,593	± 493	25.3%	± 2.8
18 to 64 years	47,267	± 352	7,129	± 533	15.1%	± 1.1
65 years and over	11,770	± 174	1,025	± 155	8.7%	± 1.3
SEX						
Male	38,324	± 254	5,950	± 543	15.5%	± 1.4
Female	39,103	± 313	6,999	± 500	17.9%	± 1.3
RACE AND HISPANIC OR LATINO ORIGIN						
One race	76,296	± 458	12,559	± 901	16.5%	± 1.2
White	72,490	± 388	11,386	± 823	15.7%	± 1.1
Black or African American	838	± 122	234	± 106	27.9%	± 13.6
American Indian and Alaska Native	2,224	± 132	730	± 190	32.8%	± 7.9
Asian	523	± 66	135	± 88	25.8%	± 16.0
Hispanic or Latino origin (of any race)	1,173	± 105	490	± 150	41.8%	± 12.4
White alone, not Hispanic or Latino	71,631	± 368	11,033	± 811	15.4%	± 1.1
EDUCATIONAL ATTAINMENT						
Population 25 years and over	52,893	± 226	6,625	± 483	12.5%	± 0.9
Less than high school graduate	6,512	± 370	1,703	± 236	26.2%	± 3.1
High school graduate (includes equivalency)	22,139	± 614	2,897	± 285	13.1%	± 1.2
Some college, associate's degree	14,957	± 523	1,689	± 247	11.3%	± 1.6
Bachelor's degree or higher	9,285	± 442	336	± 106	3.6%	± 1.1
EMPLOYMENT STATUS						
Civilian labor force 16 years and over	38,811	± 588	3,964	± 400	10.2%	± 1.0
Employed	35,418	± 623	2,826	± 382	8.0%	± 1.0
Male	18,206	± 434	1,312	± 255	7.2%	± 1.4
Female	17,212	± 372	1,514	± 246	8.8%	± 1.4
Unemployed	3,393	± 285	1,138	± 165	33.5%	± 4.0
Male	2,162	± 225	608	± 110	28.1%	± 4.5
Female	1,231	± 156	530	± 114	43.1%	± 7.0
WORK EXPERIENCE IN THE PAST 12 MONTHS						
Population 16 years and over	61,338	± 393	8,649	± 637	14.1%	± 1.0
Worked full-time, year-round	22,947	± 550	700	± 156	3.1%	± 0.7
Worked part-time or part-year	17,829	± 580	3,431	± 348	19.2%	± 1.8
Did not work	20,562	± 486	4,518	± 407	22.0%	± 1.8

Source: 2007-2011 American Community Survey

11.2 Poverty: Trends over time: Count

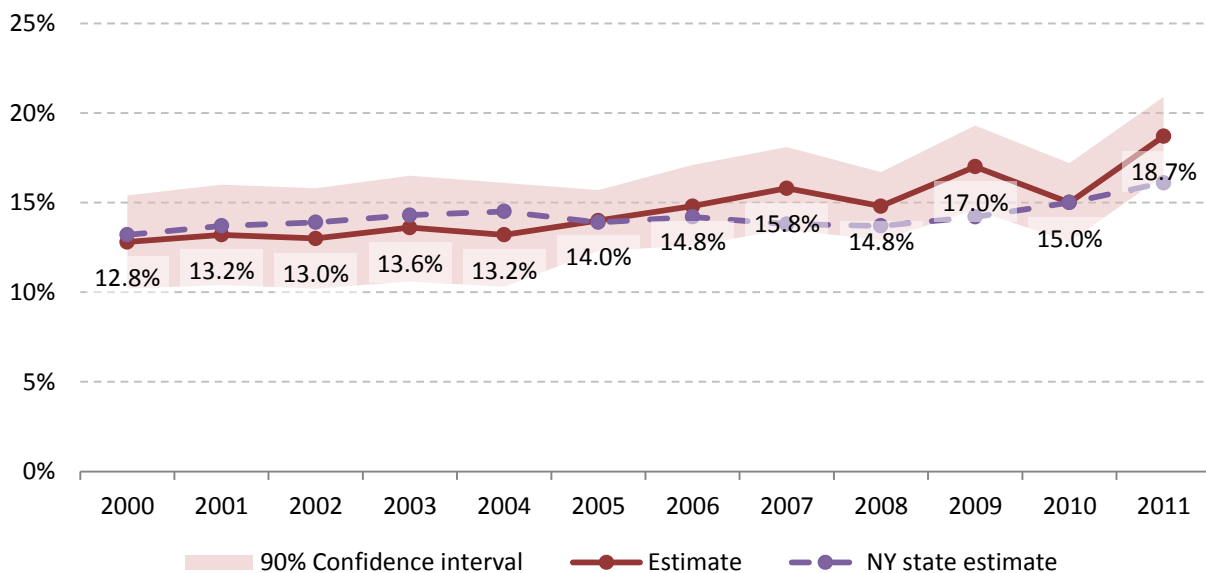
Number of people in poverty, Cattaraugus County, 2000-2011



Source: Small Area Income and Poverty Estimates (SAIPE)

11.3 Poverty: Trends over time: Rate

Poverty rate, Cattaraugus County, 2000-2011



Source: Small Area Income and Poverty Estimates (SAIPE)

11.4 Poverty rate: comparison between areas

	Poverty Rate - All people	
	Estimate	Margin of error
New York State	14.5%	± 0.1
Cattaraugus County	16.7%	± 1.2

Cities

Olean	20.6%	± 3.6
Salamanca	23.0%	± 3.5

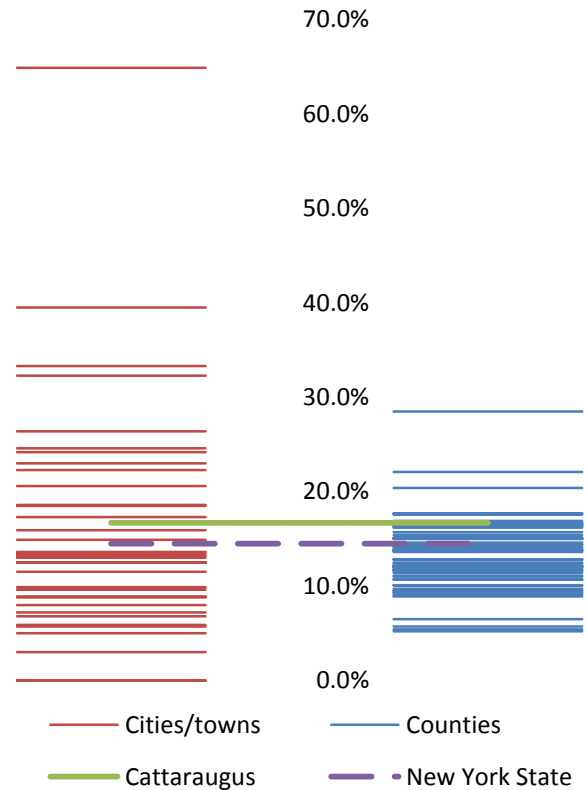
Towns

Allegany	12.5%	± 2.7
Ashford	9.6%	± 3.5
Carrollton	18.6%	± 9.0
Coldspring	13.2%	± 11.0
Conewango	26.4%	± 12.5
Dayton	18.5%	± 6.6
East Otto	13.4%	± 4.7
Ellicottville	8.0%	± 6.1
Farmersville	12.5%	± 6.6
Franklinville	22.3%	± 5.5
Freedom	6.8%	± 3.6
Great Valley	11.5%	± 5.1
Hinsdale	24.2%	± 12.8
Humphrey	24.6%	± 10.9
Ischua	8.9%	± 5.1
Leon	39.5%	± 13.6
Little Valley	9.9%	± 4.0
Lyndon	5.9%	± 3.3
Machias	12.5%	± 5.9
Mansfield	5.0%	± 4.4
Napoli	32.3%	± 12.8
New Albion	12.5%	± 4.6
Olean	5.7%	± 3.2
Otto	17.3%	± 14.6
Perrysburg	8.8%	± 3.2
Persia	13.6%	± 5.4
Portville	7.2%	± 2.5
Randolph	14.9%	± 4.3
Red House	0.0%	± 56.0
Salamanca	13.0%	± 7.4
South Valley	3.0%	± 3.2
Yorkshire	15.9%	± 5.3

Reservations

Allegany	33.3%	± 9.3
Cattaraugus	64.9%	± 30.7
Oil Springs	-	**

Poverty rate comparison within county (left) and between counties (right)

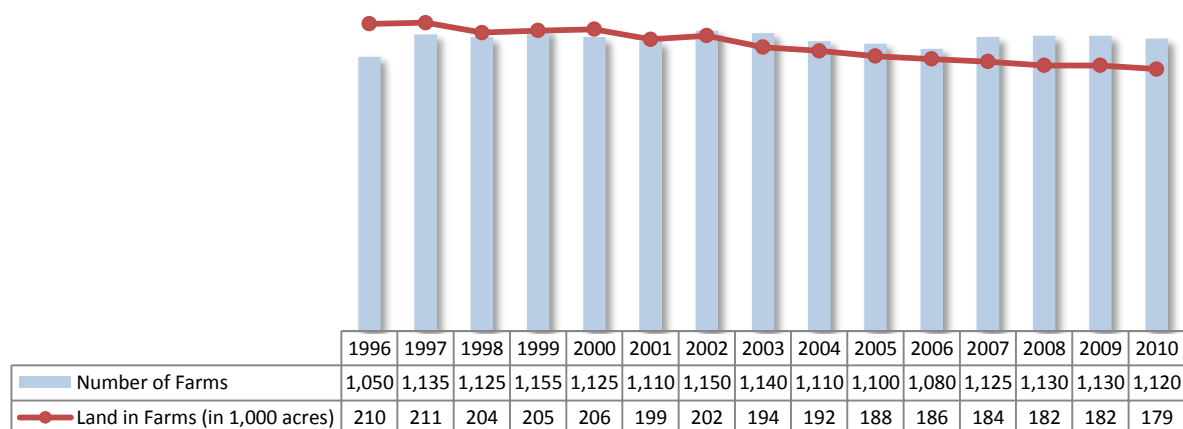


Source: 2007-2011 American Community Survey

12 Agriculture

12.1 Number of farms and land in farms

Cattaraugus County, 1996-2010



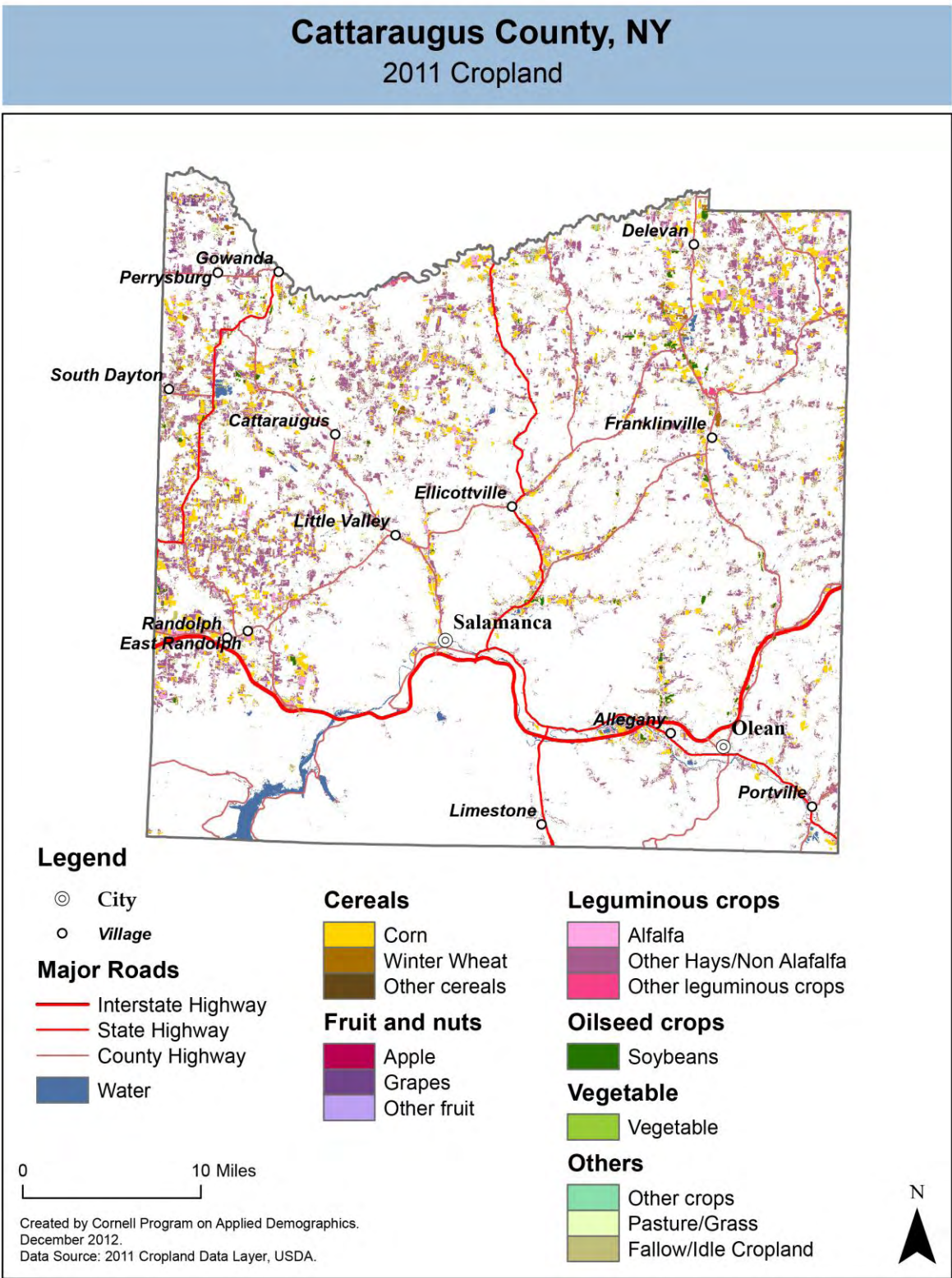
Source: National Agricultural Statistics Service – Annual Statistical bulletin

12.2 Farm Operator Characteristics

	Principal Operator		
	Total	Male	Female
Number of farms	1,122	931	191
Average size of farm (acres)	163	176	101
PRIMARY OCCUPATION			
Farming	550	463	87
Other	572	468	104
AGE			
Under 45	191	155	36
45 to 64 years	615	491	124
65 years and over	316	285	31
Average age (years)	56.7	57.4	53
YEARS ON PRESENT FARM			
Less than 3 years	40	23	17
3 to 4 years	59	44	15
5 to 9 years	140	115	25
10 years or more	883	749	134

Source: 2007 Agricultural Census

12.3 Map of type of crop

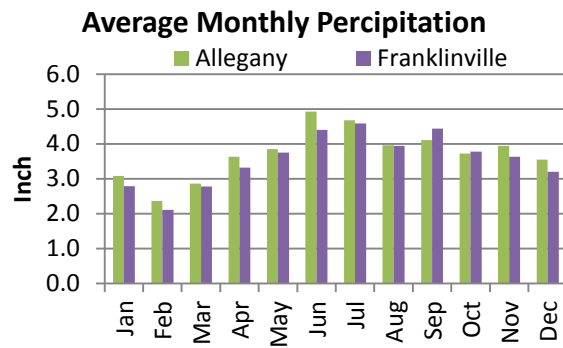
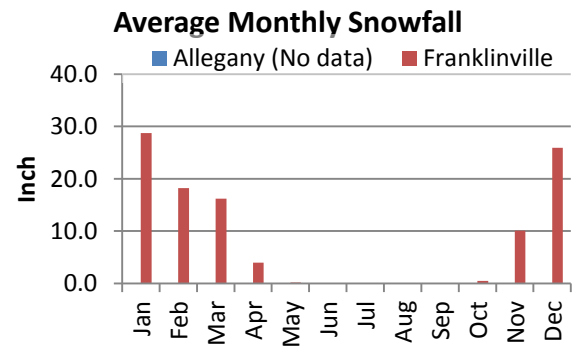
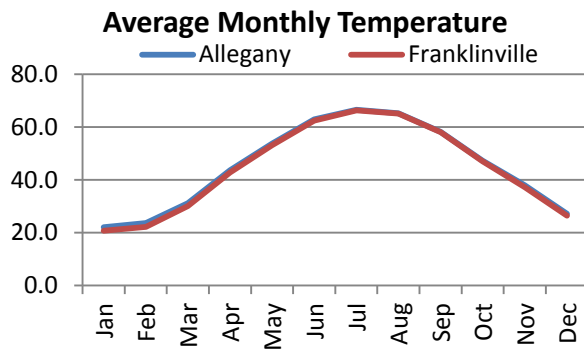
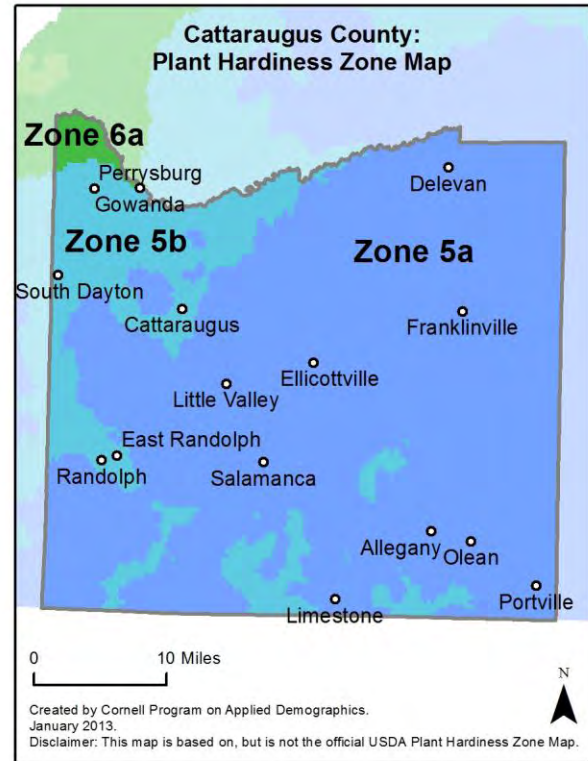
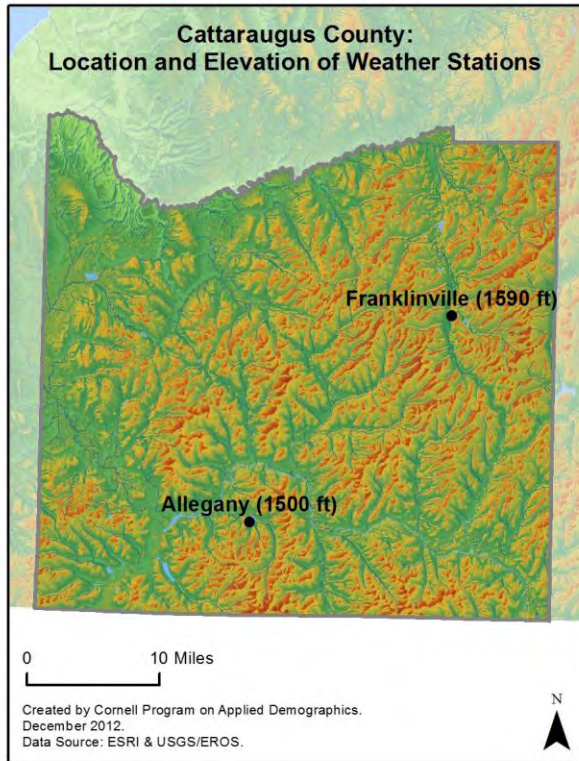


12.4 Estimated acreage by crop

	Acreage	%		Acreage	%
Cereals			Fruit and nuts		
Barley	3.1	0.0%	Apples	55	0.0%
Corn	25,853	18.0%	Apricots	-	
Millet	-		Blueberries	225	0.2%
Oats	353	0.2%	Cherries	-	
Rye	297	0.2%	Cranberries	1.8	0.0%
Sorghum	7	0.0%	Grapes	766	0.5%
Speltz	7	0.0%	Nectarines	-	
Spring Wheat	3.6	0.0%	Peaches	0.7	0.0%
Sweet Corn	11	0.0%	Plums	-	
Triticale	23	0.0%	Prunes	-	
Winter Wheat	1,294	0.9%	Strawberries	9	0.0%
Dbl Crop WinWht/Corn	-		Walnuts	0.2	0.0%
Leguminous crops			Beverage and spice crops		
Alfalfa	5,486	3.8%	Herbs	-	
Other Hay/Non Alfalfa	73,650	51.3%	Peppers	-	
Dry Beans	775	0.5%	Trees		
Peas	1.1	0.0%	Christmas Trees	7	0.0%
Vetch	-		Other Tree Crops	-	
Oilseed crops			Other crops		
Soybeans	2,475	1.7%	Tobacco	-	
Sunflower	-		Misc Veggies & Fruits	-	
Sugar crops			Clover/Wildflowers	162	0.1%
Sugarbeets	0.2	0.0%	Sod/Grass Seed	-	
Root/tuber crops with high starch or inulin content			Switchgrass	-	
Potatoes	201	0.1%	Dbl Crop Soybeans/Oats	-	
Vegetables and melons			Dbl Crop WinWht/Soybeans	-	
Asparagus	-		Other Crops	341	0.2%
Broccoli	-		Pasture/Grass	28,871	20.1%
Cabbage	23	0.0%	Fallow/Idle Cropland	2,643	1.8%
Carrots	0.2	0.0%			
Eggplants	-				
Onions	2.7	0.0%			
Pumpkins	1.1	0.0%			
Squash	48	0.0%			
Tomatoes	-				
Turnips	-				

Source: National Agricultural Statistics Service - Cropland Data Layer 2011

13 Climate



Average length of freeze-free season

	Last day of frost	First day of frost	Season length
Allegany	May 23	September 27	127
Franklinville	May 24	September 27	125

Source: NOAA, Northeast Regional Climate Center at Cornell University. Averages 1981-2010

14 Glossary

American Community Survey (ACS) - The American Community Survey is an ongoing survey of the population that provides data every year on a variety of social and economic characteristics—age, sex, race, family and relationships, income and benefits, health insurance, education, veteran status, disabilities, where you work and how you get there, where you live and how much you pay for some essentials. The ACS replaced the information previously gathered by what was known as the “long form” of the decennial censuses. The ACS provides communities, companies and other institutions with current information they need to plan investments and services. Information from the survey generates data that help determine how more than \$400 billion in federal and state funds are distributed each year. Every estimate presented in the American Community Survey, as in other surveys, has an uncertainty associated with it. Often the magnitude of that uncertainty is expressed as the Margin of Error.

Confidence Interval (CI) - indication of the degree of uncertainty about a sample estimates. Confidence intervals have been traditionally reported at the 90, 95 and 99 percent levels. A 90 percent confidence interval can be interpreted, for example, roughly as providing 90 percent certainty that the interval defined by the upper and lower bounds contain the true value of the characteristic. If a Margin of Error is given, the lower bound of the confidence interval is equal to the estimate minus the Margin of Error and the upper bound is equal to the estimate plus the Margin of Error. (See further, Margin of Error definition below.)

County subdivision or Minor Civil Division (MCD) - The Census Bureau geography for primary administrative units below the county level in New York is collectively referred to as county subdivisions or minor civil divisions. These include towns, cities and Indian Reservations.

Decennial Census - the Census of the population and housing taken every 10 years in the United States, at the start of each decade, since 1790.

Employed – either “at work” or “with a job, but not at work”.

Group Quarters Population - all U.S. residents who live in group living facilities including correctional institutions, juvenile facilities, skilled nursing facilities, college residence halls, military barracks, group homes, and workers' dormitories.

Household Population - all U.S. residents who live in housing units such as single family homes, townhouses, apartments, and mobile homes.

Intercensal Population Estimates - estimates produced for the years between two decennial censuses when both the beginning and ending populations are known. They are produced once a decade by adjusting the existing time series of postcensal estimates for the entire decade to smooth the transition from one decennial census count to the next. They differ from the postcensal estimates that are released annually because the difference between the April 1 postcensal estimate and April 1 census count for the end of the decade is redistributed across the estimates for that decade. For dates when both postcensal and intercensal estimates are available, intercensal estimates are preferred.

Labor Force - consists of people classified as employed or unemployed.

Margin of Error (MOE) - a measure of the precision of an estimate at a given level of confidence. The confidence level of a margin of error indicates the likelihood that the difference between the population value (which you

would get if you could measure the whole population instead of a sample) and the estimate is less than or equal to the margin of error. The range from the estimate minus the margin of error to the estimate plus the margin of error is called the confidence interval. All ACS estimates are published with their margins of error at the 90 percent confidence level. Margins of error are useful in assessing the reliability of estimates and whether differences between estimates are significant.

NAICS - The North American Industry Classification System or NAICS is used by business and government to classify business establishments according to type of economic activity (process of production).

Numeric Population Change - difference between the population of an area at the beginning and end of a time period. It is computed by taking the difference between the population at one point in time (t1) and some future time (t2).

Percent Population Change - difference between the population of an area at the beginning and end of a time period, expressed as a percentage of the beginning population. It is computed by dividing the population change (t2 - t1) by t1 and multiplying the result by 100.

Population Estimates - The calculated number of people living in an area as of a specified point in time, usually July 1st. The estimated population is calculated using a component of change model that incorporates information on natural increase (births, deaths) and net migration (net domestic migration, net international migration) that has occurred in an area since the latest decennial census. A procedure for estimating the current population using a procedure involving a "base population" value at time t -1, adding to that the births during the interval t-1 to t, subtracting the deaths during that interval t-1 to t, and then adding the net domestic and net international migration that occurred during that interval.

Population Density - Total number of people per areal unit like a square mile or square kilometer.

Population Pyramids - A graphical way of portraying a population's age and sex composition at a given slice in time. The first horizontal bar, constituting the base of the graph, is the youngest age group (typically 0-4) with the number of males in that age group on the left and the number of females in that age group on the right. On top of that age group is another horizontal bar for the next age group (e.g. 5-9) and so forth with the top bar typically for those aged 75 and over. In a population with lots of births and deaths, the shape typically forms a pyramid with a broad base and a narrow top. It is one of the most basic ways to understand population change over time as well as between different geographic units of a similar status (e.g. counties).

Postcensal Estimates - estimates produced for the years after a decennial census when only the beginning population is known. They are produced and revised each year, targeted to July 1 of that year.

Projection - estimated population at some future time based on assumptions about births, deaths, migration, and ages.

Race/Ethnicity - the Census Bureau collects racial data in accordance with guidelines provided by the U.S. Office of Management and Budget (OMB), and these data are based on self-identification. The racial categories included in the census questionnaire generally reflect a social definition of race recognized in this country and not an attempt to define race biologically, anthropologically, or genetically. In addition, it is recognized that the categories of the race item include racial and national origin or sociocultural groups. People may choose to report more than one race to indicate their racial mixture, such as "American Indian" and "White." People who identify their origin as Hispanic, Latino, or Spanish may be of any race. OMB requires five minimum categories: White, Black or African American, American Indian or Alaska Native, Asian, and Native Hawaiian or Other Pacific

Islander. Hispanics may be classified as white or black. So we generally separate them out as an ethnic group first.

Unemployed – Not employed, but actively looking for work and available to accept a job.

Unemployment rate – Fraction of the Labor Force that is unemployed.

Urban Area – A densely settled area with at least 2,500 people. If the total number of people is less than 50,000 the Census Bureau calls it an Urban Cluster, otherwise an Urbanized Area.

Vintage - each year, the U.S. Census Bureau produces and publishes estimates of the population for each state and county, as well as the nation as a whole. These are called “vintages.” In producing these vintages, the Bureau utilizes administrative data from a number of sources to estimate 1) the change in population since the most recent decennial census, and 2) the population for each year since the most recent decennial census. With each annual release of population estimates (vintage), the entire time series of estimates beginning on April 1, 2010 is revised and updated.

15 References

Cattaraugus County homepage: <http://www.cattco.org/>

At Cornell:

- Cornell Cooperative Extensions (CCE)
Home page: <http://www.cce.cornell.edu>
 - Allegany/Cattaraugus local office: <http://www.ccealleganycattaraugus.org/>
- Program on Applied Demographics (PAD)
URL: <http://pad.human.cornell.edu/>
- Community and Regional Development Institute (CaRDI)
URL: <http://devsoc.cals.cornell.edu/cals/devsoc/outreach/cardi/index.cfm>

Data sources and background information:

- U.S. Census Bureau - general
 - QuickFacts: <http://quickfacts.census.gov/qfd/states/36/36009.html>
 - QuickLinks: <http://quickfacts.census.gov/qfd/states/36/36009lk.html>
 - American FactFinder: <http://factfinder2.census.gov>
- U.S. Census Bureau - population
 - Decennial Census
 - Background: <http://2010.census.gov/2010census/>
 - Demographic Profile: http://factfinder2.census.gov/bkmk/table/1.0/en/DEC/10_SF1/SF1DP1/0500000US36009
 - American Community Survey (ACS)
 - Background: <http://www.census.gov/acs/www/>
 - Social Data Profile: http://factfinder2.census.gov/bkmk/table/1.0/en/ACS/10_5YR/DP02/0500000US36009
 - Economic Data Profile: http://factfinder2.census.gov/bkmk/table/1.0/en/ACS/10_5YR/DP03/0500000US36009
 - Housing Data Profile: http://factfinder2.census.gov/bkmk/table/1.0/en/ACS/10_5YR/DP04/0500000US36009
 - Demographics Data Profile: http://factfinder2.census.gov/bkmk/table/1.0/en/ACS/10_5YR/DP05/0500000US36009
 - Population estimates: <http://www.census.gov/popest/estimates.html>
- U.S. Census Bureau – Small Area Income & Poverty Estimates (SAIPE)
 - <http://www.census.gov/did/www/saipe/>
- U.S. Census Bureau - Public Use Quarterly Workforce Indicators (QWI) – annual averages
 - <http://www2.vrdc.cornell.edu/news/data/qwi-public-use-data/>
- Bureau Labor Statistics (BLS) – Local Area Unemployment Statistics: <http://www.bls.gov/lau/>
- NY Department of Labor -
 - Labor statistics: <http://www.labor.ny.gov/stats/>
 - Quarterly Census of Employment and Wages (QCEW): <http://www.labor.ny.gov/stats/lscqew.shtm>
- Bureau of Economic Analysis (BEA) – Local Area Personal Income and Employment: <http://bea.gov/iTable/iTable.cfm?ReqID=70&step=1>

- USDA Census of Agriculture
 - 2007
 - Home page: <http://www.agcensus.usda.gov/Publications/2007/index.php>
 - County profile: http://www.agcensus.usda.gov/Publications/2007/Online_Highlights/County_Profiles/New_York/cp36009.pdf
 - Race, Ethnicity and Gender Profiles: http://www.agcensus.usda.gov/Publications/2007/Online_Highlights/Race_Ethnicity_and_Gender_Profiles/New_York/cpd36009.pdf
- USDA National Agricultural Statistics Service (NASS)
 - Home page: <http://www.nass.usda.gov/index.asp>
 - New York Statistical Bulletins: http://www.nass.usda.gov/Statistics_by_State/New_York/Publications/Annual_Statistical_Bulletin/
 - Cropland Data Layer – CropScape: <http://nassgeodata.gmu.edu/CropScape/>
- USDA Agricultural Research Service – Plant Hardness Zone Map: <http://planthardiness.ars.usda.gov/PHZMWeb/>
- NOAA, Northeast Regional Climate Center at Cornell University
 - Home page: <http://www.nrcc.cornell.edu/index.html>

Alternative sites for data retrieval:

- The Nelson A. Rockefeller Institute of Government – New York State Statistical Yearbooks http://www.rockinst.org/nys_statistics/
- Headwaters Economics: Economic Profile System – Human Dimensions Toolkit <http://headwaterseconomics.org/tools/eps-hdt>
- National Historical Geographic Information System (NHGIS) <https://www.nhgis.org/>
- Social Explorer <http://www.socialexplorer.com/pub/home/home.aspx>
- Missouri Census Data Center <http://mcdc.missouri.edu/>
- DataFerret <http://dataferrett.census.gov/>
- Investigative Reporters and Editors (IRE) Census project <http://census.ire.org/>